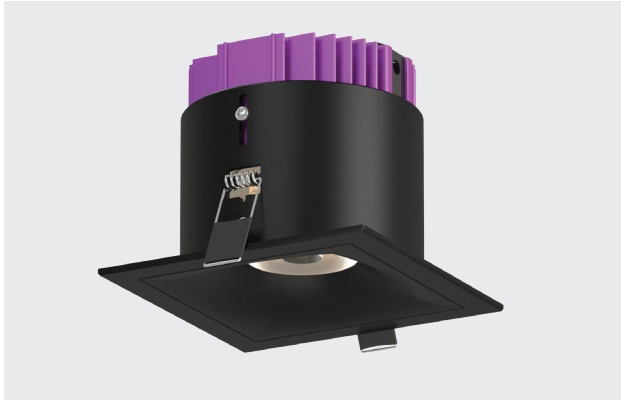


PROJECT:	SPECIFIER:	TYPE:	QTY:	DATE:
----------	------------	-------	------	-------

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----



TECH OPTIONS



DESCRIPTION

Architectural grade downlight with elegant, modern design. Milled aluminum housing, bezel and trim available in wide range of finishes. Standard precision TIR optic with multiple distribution options including ultra-narrow 10° beam. Inherently protected luminaire with IC and non-IC options available. Thermal protection in case of improper insulation use. Extruded aluminum anodized heat sink. Positive retention springs allow for easy installation and prevent sagging.

FEATURES

Housing & Trim: milled aluminum, powder coat or bespoke plating finish

Cutout: round

Optic: TIR Optic (clear polycarbonate)

Beams: 10°, 12°, 25°, 36°, 55°

Lumen Output (nominal): up to 4700+ lm, 93.3 lm/W

Mounting: new construction, remodeler, and IC housing box

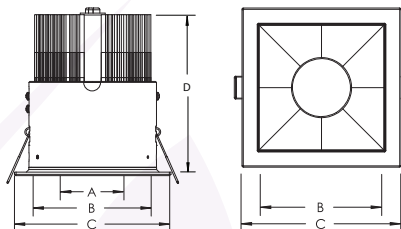
Heat Sink: anodized aluminum

LED: PerfectWhite™ human centric, Static white CRI 90+ & 95+, Sunlike 97, Tunable white, Warm dim, Lumenetix RGBW

*≤1x3 SDCM standard, ≤1x2 SDCM available upon request

DIMENSIONS

Optic (A): 1.9" Ø
Bezel (B): 3.84" Ø
Flange (C): 4.87" Ø
Height (D): 3.1" - 5.1"
Ceiling Opening: 4.25" Ø
Ceiling Thickness: ½" - 1" thk



WARRANTY 5 Year Limited Warranty (Covers Standard Components)

RATINGS & CERTS

Made In USA with Global Components
 Damp Location Rated, Wet Location Rated



1: TYPE

SL4-RD Square Recessed Downlight
SL4-RDW Square Recessed Downlight, Wet Location

2: LED COLOR & CRI

WD97-3018K*	Warm Dim 3000-1800K 97+	SW95-30K	3000K Static White 95+
WD92-4027K*	Warm Dim 4000-2700K 92+	SW95-35K	3500K Static White 95+
LX90-RGBW**	Lumenetix RGB + 8000-1650K White 90+	SW95-40K	4000K Static White 95+
PC90-30K	3000K PerfectWhite™ 90+	SL97-27K	2700K Sunlike 97
SW90-27K	2700K Static White 90+	SL97-30K	3000K Sunlike 97
SW90-30K	3000K Static White 90+	SL97-35K	3500K Sunlike 97
SW90-35K	3500K Static White 90+	SL97-40K	4000K Sunlike 97
SW90-40K	4000K Static White 90+	SL97-50K	5000K Sunlike 97
SW90-50K	5000K Static White 90+	TW90-4018K	Tunable White 4000-1800K 90+
SW95-27K	2700K Static White 95+	TW90-6527K	Tunable White 6500-2700K 90+

*Warm dim compatible with traditional single channel dimming methods

**Tunable full color and white with DMX; Tunable white and full color preset scenes only with 2x 0-10V; Tunable white only 8000-1650K with Lutron Ecosystem, Dali2, & Wattstopper DLM

***Two-step MacAdam Ellipse available upon request. Use "2SP" after LED code

3: LUMENS

* RGBW available up to 1500 lm
 **See page 2 LED Power Info for chip-specific lumens

09LM	900 lm
12LM	1200 lm
18LM	1800 lm
26LM	2600 lm
47LM	4700 lm

4: VOLTAGE

U	120-277Vac
1	120Vac
2	277Vac

5: DIMMING / DRIVER

Leading and trailing edge at 120Vac only

DIMA1*	1% universal dim 0-10V/TRIAC/ELV
AVI	Bluetooth Avi-on BLE Wireless for static white, warm-dim, tunable white & RGBW
10V	<10% Dim 0-10V
10V1	1% Dim 0-10V
10VMCZ1	0.1% Dim 0-10Vx2 dim-to-off for tunable white
10VMC1	1% Dim 0-10V multi-channel for tunable white, warm dim & Lumenetix full color presets + tunable white
LTEA	1% Dim Lutron Hi-Lume 2-Wire (120V only)
LUT1	1% Dim Lutron Hi-Lume EcoSystem Soft-on & Fade Black
LUTZ1**	0.1% Dim Lutron Hi-Lume Premium EcoSystem Soft-On & Fade Black for static white & Lumenetix tunable white
ELD1	1% Dim eldoLED ECDriver
ELDZ1	0.1% Dim eldoLED SOLOdrive dim-to-off
DMXZ1	0.1% Dim DMX for tunable, warm dim, & Lumenetix tunable full color and white
DALIZ1	0.1% Dim Dali2 for tunable white, warm dim & Lumenetix tunable white
WATTZ1	0.1% Dim Wattstopper DLM for Lumenetix tunable white

*Standard non-linear dim-to-off for 0-10V dimming; for linear dimming add -LIN at end of dim code

**<20W available for static white

***Most drivers use logarithmic dimming curve as standard. For linear curve add -LIN after code.

6: OPTIC

*Up to 900 lm only, not available with warm dim or tunable white LED

BVN*	10° TIR
BNS*	14° TIR
BN	25° TIR
BM	35° TIR
BW	55° TIR

7: BEZEL & TRIM FINISH

WH	White Matte Powder	BC	Black Chrome Plated
BK	Black Matte Powder	BH	Brush Brass Plated
BZ	Oil-rub Bronze Brush Plated	BR	Polished Brass Plated
CB	Copper Brush Plated	NB	Nickel Brush Plated
CU	Polished Copper Plated	NC	Polished Nickel Chrome Plated

*All plating finishes have protective coating

8: IC RATING (OPTIONAL)

IC Insulated ceiling
 *Enclosed box required; contact factory for remodeler IC options

9: ACCESSORY

*Extension range min. 14-24" max. See pg3 for full details.

HB*	Ceiling frame with hanger bars
HBH	Ceiling frame with hanger bars & butterfly bracket kit, extendable
SHM	Shallow Mounting 3-inch Plenum Height
LHB	Heavy bars for 36" extension (set of 2 pcs); note 2 sets required for 48"
EN	Enclosed box with ceiling plate & bars
BB4	Battery Backup 4W for 90 mins
BB8	Battery Backup 8W for 90 mins

10: CONTROL

*Code compliant with all U.S. requirements with applicable controls

VIVE	Lutron Vive
ANL	Acuity nLight
AIRNL	Acuity nLight Air
CAS	Casambi Ready
ENT	Enlighted



LED POWER INFO *Insulated ceiling (IC) rating up to 21.5W*
Static White LED 90+ CRI @ 3000K (nominal)

Ordering Code	Lumens, Nominal Delivered	Input Power, Nominal	Efficacy, Nominal
09LM	899 lm	9.83W	91.4 lm/W
12LM	1,258 lm	13.76W	91.4 lm/W
18LM	1,803 lm	19.32W	93.3 lm/W
26LM	2,525 lm	27.05W	93.3 lm/W
32LM	3,246 lm	34.77W	93.3 lm/W
47LM	4,688 lm	50.23W	93.3 lm/W

PerfectWhite LED 90+ CRI @ 3000K (nominal)

Ordering Code	Lumens, Nominal Delivered	Input Power, Nominal	Efficacy, Nominal
09LM	935 lm	13.68W	68.4 lm/W
12LM	1,341 lm	19.20W	69.8 lm/W
18LM	1,877 lm	26.89W	69.8 lm/W
26LM	2,682 lm	38.41W	69.8 lm/W

Sunlike LED 97 CRI @ 3000K (nominal)

Ordering Code	Lumens, Nominal Delivered	Input Power, Nominal	Efficacy, Nominal
07LM	706 lm	10.06W	70.2 lm/W
09LM	988 lm	14.08W	70.2 lm/W
14LM	1,425 lm	19.89W	71.7 lm/W
20LM	1,995 lm	27.84W	71.7 lm/W
28LM	2,867 lm	40.00W	71.7 lm/W

Warm Dim LED 92+ CRI @ Full Intensity (nominal)

Ordering Code	Lumens, Nominal Delivered	Input Power, Nominal	Efficacy, Nominal
09LM	900 lm	14.36W	62.6 lm/W
12LM	1,263 lm	20.17W	62.6 lm/W
18LM	1,806 lm	28.24W	63.9 lm/W
26LM	2,580 lm	40.34W	63.9 lm/W

Tunable White LED 90+ CRI @ Cool CCT (nominal)

Ordering Code	Lumens, Nominal Delivered	Input Power, Nominal	Efficacy, Nominal
06LM	616 lm	8.55W	72 lm/W
12LM	1,170 lm	17.11W	68.4 lm/W
18LM	1,694 lm	23.53W	72 lm/W

**LM Multiplier 1
LED CRI**

SW90: 1.00
SW95: 0.92

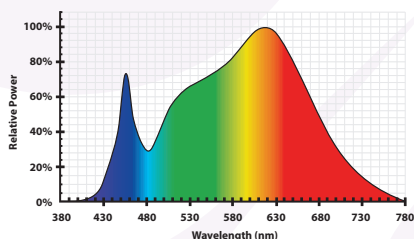
**LM Multiplier 2
LED Color**

2700K: 0.96
3000K: 1.00
3500K: 1.03
4000K: 1.05
5000K: 1.07

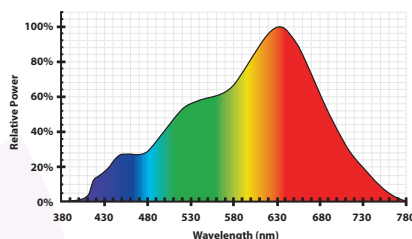
**LM Multiplier 3
Optic**

BVN: 0.90
BNS: 0.90

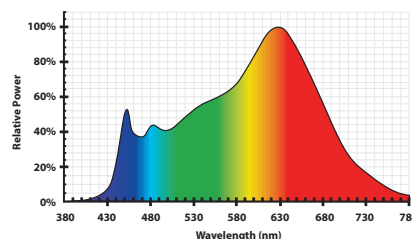
Calculated Delivered Lumens = Delivered Lumen Value x LED CRI x LED Color x Optic

SPECTRAL POWER DISTRIBUTION


Standard LED 90+ CRI @ 3000K



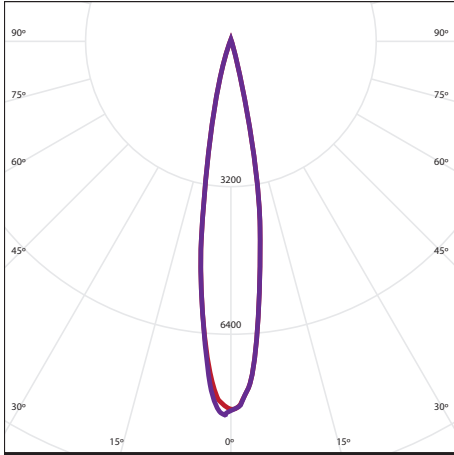
SunLike LED 97 CRI @ 3000K



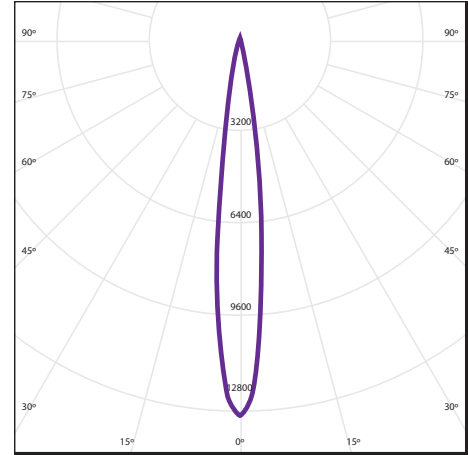
PerfectWhite LED 90+ CRI @ 3000K

BEAM DISTRIBUTION

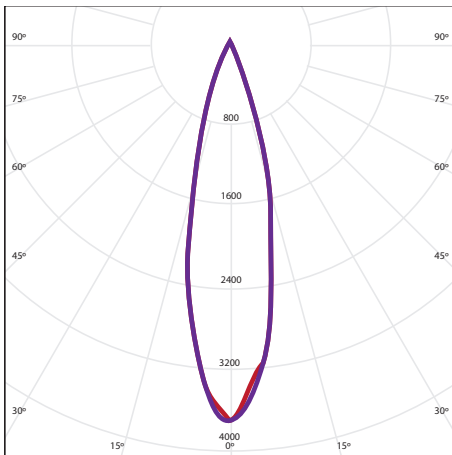
BVN - 10° Narrow Real Spot



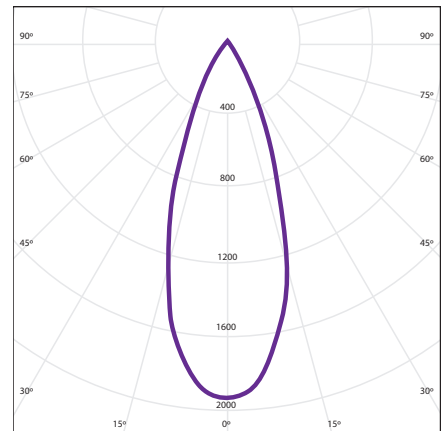
BNS - 14° Narrow Spot



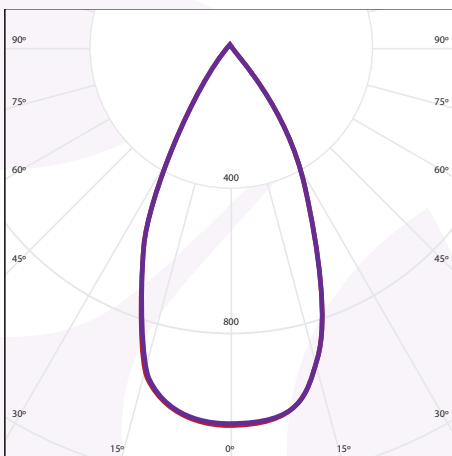
BN - 25° Narrow



BM - 35° Medium



BW - 55° Wide



DIMMING

DIMMING COMPATIBILITY FOR -DIMA1 CODE

Opus® Gibson offers compatibility with both phase-cut (reverse-phase and forward-phase) and 0-10V dimmers. Forward-phase (TRIAC) and reverse-phase (ELV) dimming work only at 120Vac. Phase-cut dimming always has priority over 0-10V dimming. Each fixture requires 1mA for 0-10V dimming. Please consult dimmer datasheet for total 0-10V dimming current requirement to determine suitable number of fixtures per dimmer for best dimming results.

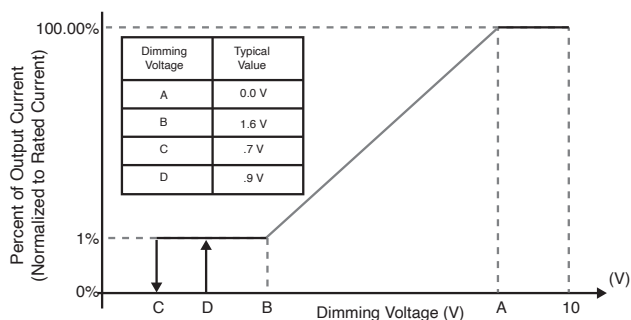
COMPATIBLE PHASE-CUT DIMMERS FOR -DIMA1 CODE

120Vac Dimmers					
Mfg.	Model	Mfg.	Model	Mfg.	Model
Lutron	S-603PG	Lutron	DVELV-303P	Lutron	CT-103P
Leviton	IPI06-1LZ	Lutron	SELV-300P	Cooper	SLC03P
Leviton	6631-2	Leviton	6683-IW	Leviton	IPE04
Lutron	DVCL-153P	Leviton	6161	Lutron	MAELV-600
Lutron	DV-600P	Leviton	6633-P	Lutron	FAELV-500
Lutron	TGCL-153P	Lutron	TG-600P	Lightolier	ZP260QEW
Lutron	S-600P	Cooper	DLC03P	Cooper	DAL06P
Leviton	VPE06	Lutron	LG-600P		

COMPATIBLE 0-10V DIMMERS FOR -DIMA1 CODE

0-10V Dimmers		
Mfg.	Model	Part No.
Lutron	Nova series	NFTV
Leviton	IllumaTech series	IP710-DL
Lutron	Diva series	DVTV

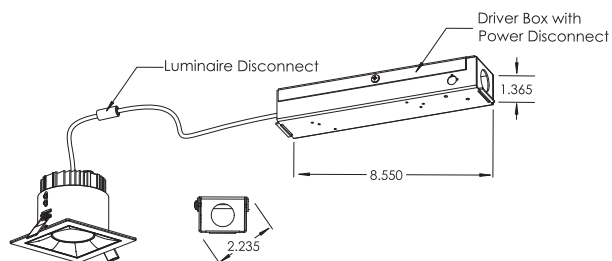
0-10V DIM VOLTAGE REFERENCE FOR -DIMA1 CODE



MOUNTING

Remodeler Mounting (No Suffix)

Mounting dimensions shown are for -DIMA1, -10V, -10V1, up to 50W input power and -LUT1, -LUT2 up to 20W input power. Larger remodeler driver box for higher wattages and other dimming options as well, not shown below.

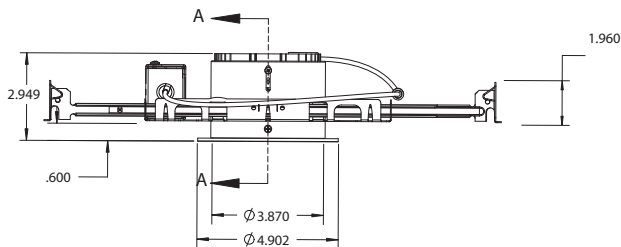


SHM Suffix Mounting

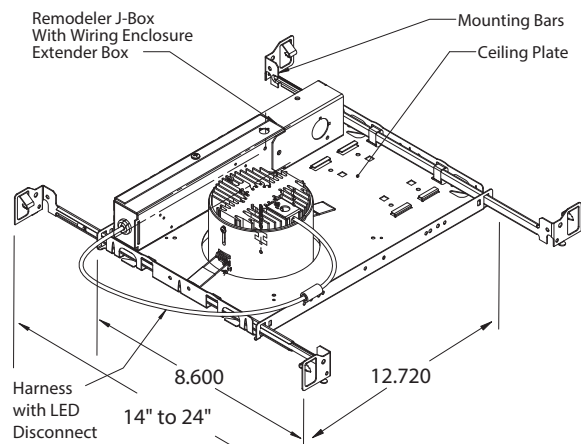
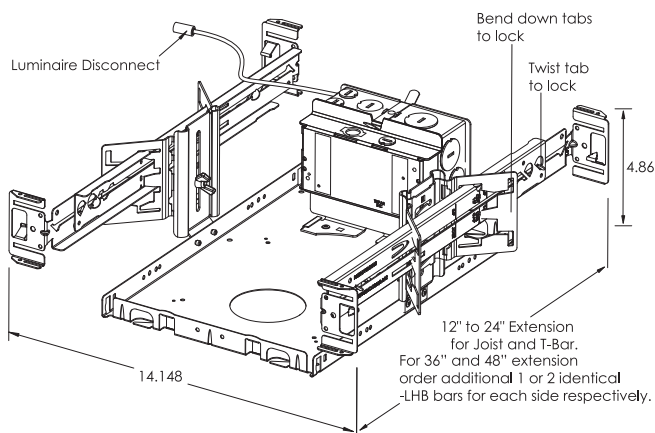
Use SHM suffix for Shallow Mounting.

2800 lumens max

SHM - Shallow mounting up to 2,800 lm non-IC; 1,000 lm IC rated



HBH Suffix Mounting



HB Suffix Mounting

